

Wai Yan Cheah

List of Publications by Year in descending order

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14
papers

1,622
citations

623734

14
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

2100
citing authors

#	ARTICLE	IF	CITATIONS
1	Microalgal-based biochar in wastewater remediation: Its synthesis, characterization and applications. <i>Environmental Research</i> , 2022, 204, 111966.	7.5	86
2	Progress in waste valorization using advanced pyrolysis techniques for hydrogen and gaseous fuel production. <i>Bioresource Technology</i> , 2021, 320, 124299.	9.6	104
3	Abatement of hazardous materials and biomass waste via pyrolysis and co-pyrolysis for environmental sustainability and circular economy. <i>Environmental Pollution</i> , 2021, 278, 116836.	7.5	64
4	Enhancing microalga <i>Chlorella sorokiniana</i> CY-1 biomass and lipid production in palm oil mill effluent (POME) using novel-designed photobioreactor. <i>Bioengineered</i> , 2020, 11, 61-69.	3.2	61
5	Pretreatment methods for lignocellulosic biofuels production: current advances, challenges and future prospects. <i>Biofuel Research Journal</i> , 2020, 7, 1115-1127.	13.3	181
6	Antibacterial activity of quaternized chitosan modified nanofiber membrane. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 569-577.	7.5	125
7	Waste to energy: the effects of <i>Pseudomonas</i> sp. on <i>Chlorella sorokiniana</i> biomass and lipid productions in palm oil mill effluent. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 2037-2045.	4.1	39
8	Eicosapentaenoic acid production from <i>Nannochloropsis oceanica</i> CY2 using deep sea water in outdoor plastic-bag type photobioreactors. <i>Bioresource Technology</i> , 2018, 253, 1-7.	9.6	25
9	Enhancing biomass and lipid productions of microalgae in palm oil mill effluent using carbon and nutrient supplementation. <i>Energy Conversion and Management</i> , 2018, 164, 188-197.	9.2	82
10	Microalgae cultivation in palm oil mill effluent (POME) for lipid production and pollutants removal. <i>Energy Conversion and Management</i> , 2018, 174, 430-438.	9.2	73
11	Biorefineries of carbon dioxide: From carbon capture and storage (CCS) to bioenergies production. <i>Bioresource Technology</i> , 2016, 215, 346-356.	9.6	162
12	Using an innovative pH-stat CO ₂ feeding strategy to enhance cell growth and C-phycoyanin production from <i>Spirulina platensis</i> . <i>Biochemical Engineering Journal</i> , 2016, 112, 78-85.	3.6	45
13	Cultivation in wastewaters for energy: A microalgae platform. <i>Applied Energy</i> , 2016, 179, 609-625.	10.1	156
14	Biosequestration of atmospheric CO ₂ and flue gas-containing CO ₂ by microalgae. <i>Bioresource Technology</i> , 2015, 184, 190-201.	9.6	417